

River City WRAPS – Watershed Restoration And Protection Strategy

***To Restore and Protect the water quality
in the
Lower Arkansas River Watershed***

**Project Funded by EPA &
KDHE Section 319 Grant**

Funded by EPA, KDHE Section 319 Grant

Summary

- **Lower Arkansas WRAPS History**
- **Arkansas River Watershed - Community Outreach Campaign**
- **Selection of Stakeholders Leadership Team**
- **Development Report Key Findings**
- **Proposed Projects**
- **NEXT Phase - Assessment**

WRAPS Development Phase History

- City of Wichita and Sedgwick County submitted a WRAPS funding request in 2006
- KDHE authorized funding in 2007 –
 - Sedgwick County to perform “Rural Project”
 - Wichita to perform “Urban Project”
 - Project Completion was expected in 2009
- City requested Grant extension in 2009
- Kick-off in August 2009

Community Outreach Campaign

- Kick-Off Press Release – August 7, 2009
- Public Meetings
 - 3 Main Meetings
 - 6 District Advisory Board Meetings
 - Several Mini Presentations
- Website – Wichitawraps.org
 - 17,055 Hits - 1,163 Visitors – 190 Surveys
- Press releases – News articles, Radio Coverage

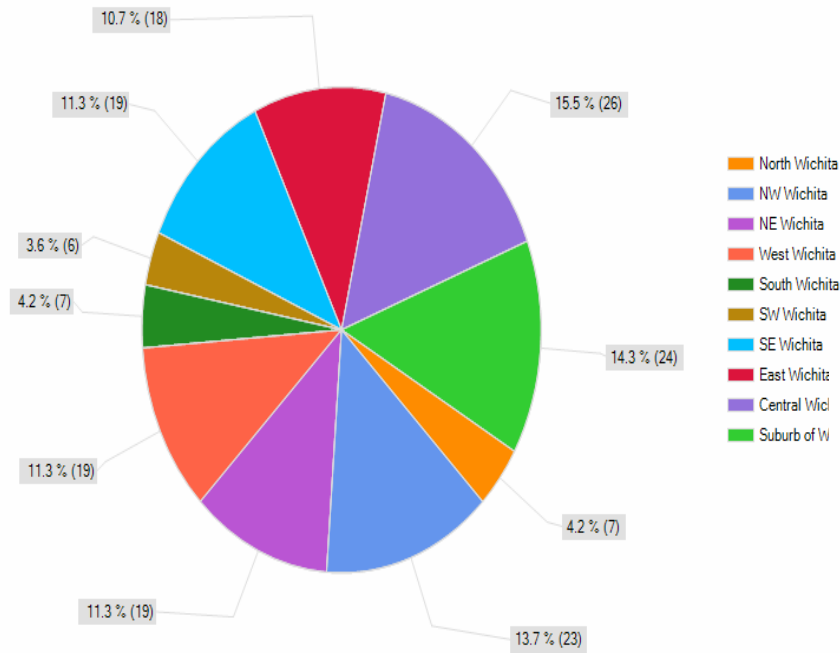
Stakeholder Leadership Team

- 190 Surveys
 - 35 SLT Members
 - Team will be tasked with the next three phases of the project
 - Assessment
 - Planning
 - Implementation

Stakeholder Leadership Team

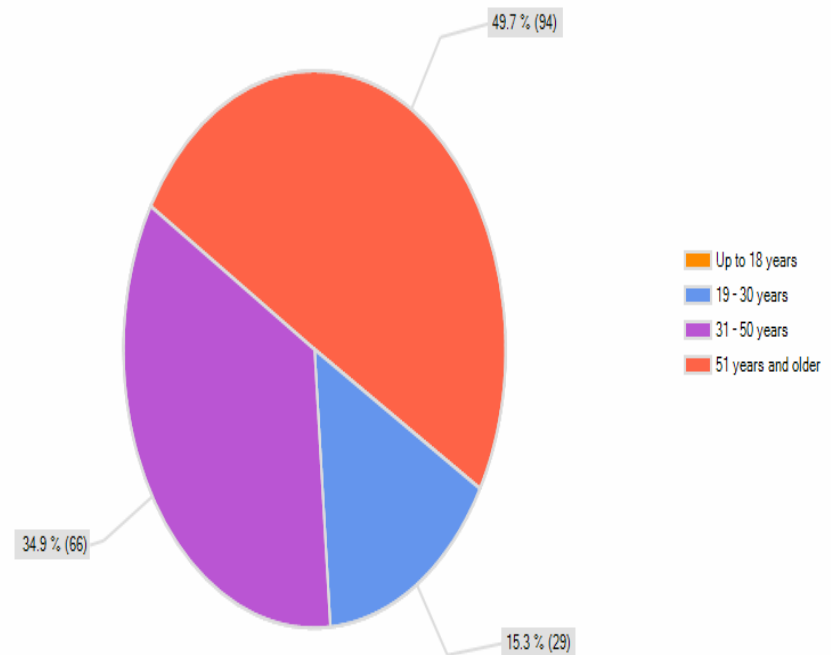
- Funding Agencies:
 - EPA
 - KDHE
- Sponsoring Agency
 - City of Wichita
- Businesses
 - Consultants
 - Industry
- Council District Advisory Board
- Sierra Club
- Arkansas River Coalition
- Ark River Task Force

Where do you live?



Survey Results

What age group are you in?

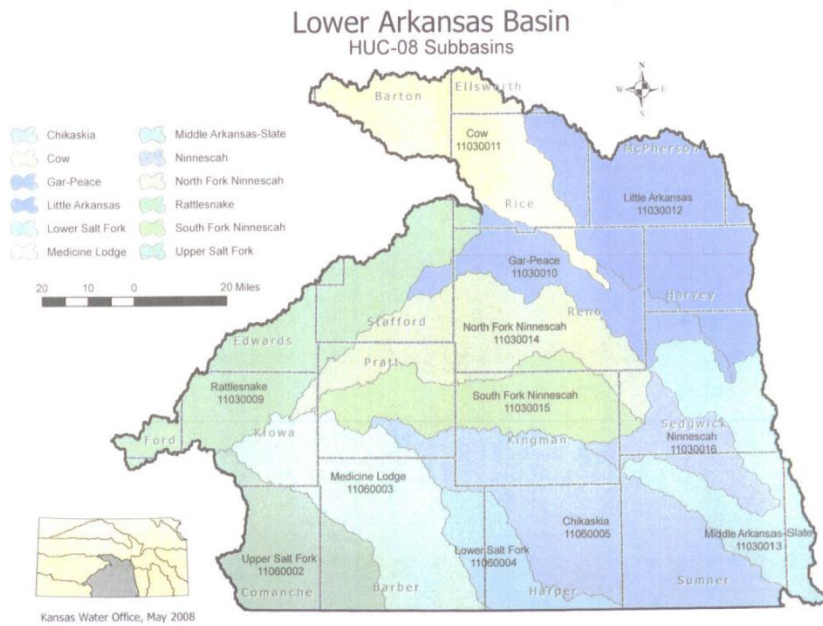


River City Watershed Restoration And **Protection Strategy (WRAPS)**

- Vision Statement
 - *To improve and protect the water quality of the Lower Arkansas River and its watershed through appropriate sustainable practices, community involvement, and education so that the water quality becomes a valued component of life in South Central Kansas*
- Mission Statement
 - *To develop and implement water quality improvement projects in the community that restore and protect the overall health of the river's watershed ecosystem. In addition, River City WRAPS seeks to educate the public on the importance of water quality management practices each citizen and local entities can participate in to help the river well into the future.*

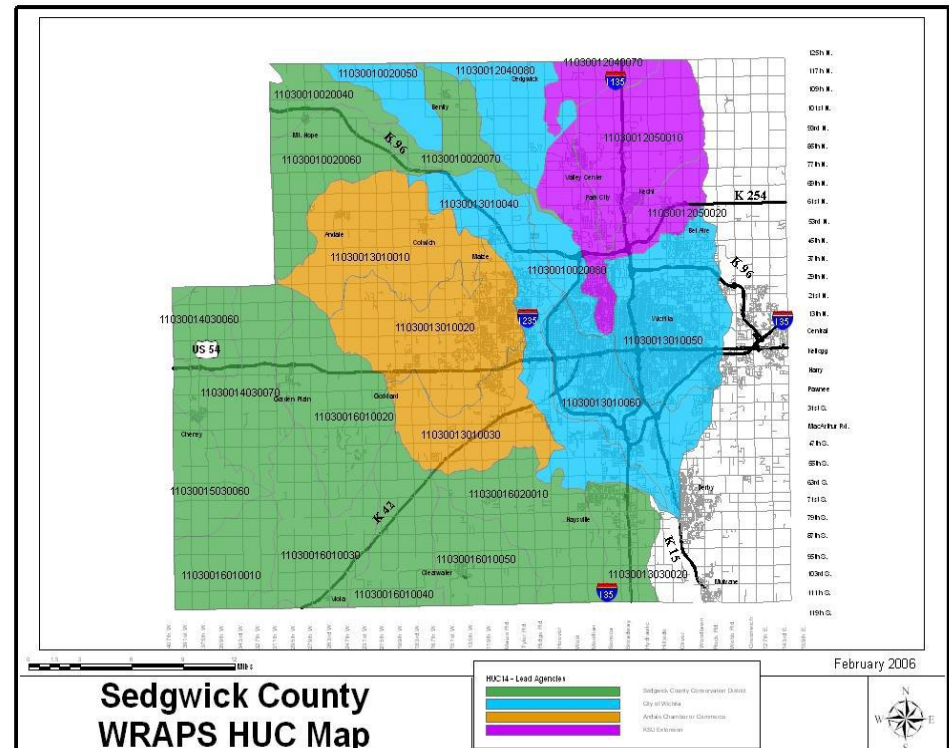
Watershed Summary

- River City WRAPS project – effort in conjunction with the City of Wichita and other concerned citizens to develop a watershed protection plan that will protect all designated uses:
 - Primary contact recreation (fishing, boating, swimming)
 - Water supply – domestic & industrial
 - Aquatic Life Use
 - Food procurement
 - Groundwater recharge
 - Agriculture uses



Watershed Maps

- River City WRAPS watershed is generally defined by the City Limits and is located in the Middle Arkansas –Slate Watershed**



Watershed Concerns

- Litter & Trash in River
- Excessive Run-off from impervious surfaces
- Contamination in run-off
 - Pesticides
 - Nutrients
 - Bacteria
 - Sediment
- Increased Public Awareness needed
- Lack of River Access for recreational purposes
- Positive Promotion of River Use
- Urban Fringe Land Use - (KDHE)

Water Quality Impairments

- Bacteria
 - Nitrate and phosphorous – (Nutrients)
 - Sediment loading
 - Pollutants associated with sediments (pesticides, fertilizers, metals)
- KDHE identified Total Maximum Daily Load priorities in the following streams:

Location	Impairment	Priority
Ark River below Wichita	Bacteria	High
Cowskin Creek	Biological	High
Cowskin Creek	Bacteria	High
Ark River below Wichita	Biological	Medium
Ark River below Wichita	Chloride	Medium
Ark River below Wichita	Chlordane	Low
Ark River at Wichita	Chlordane	Low

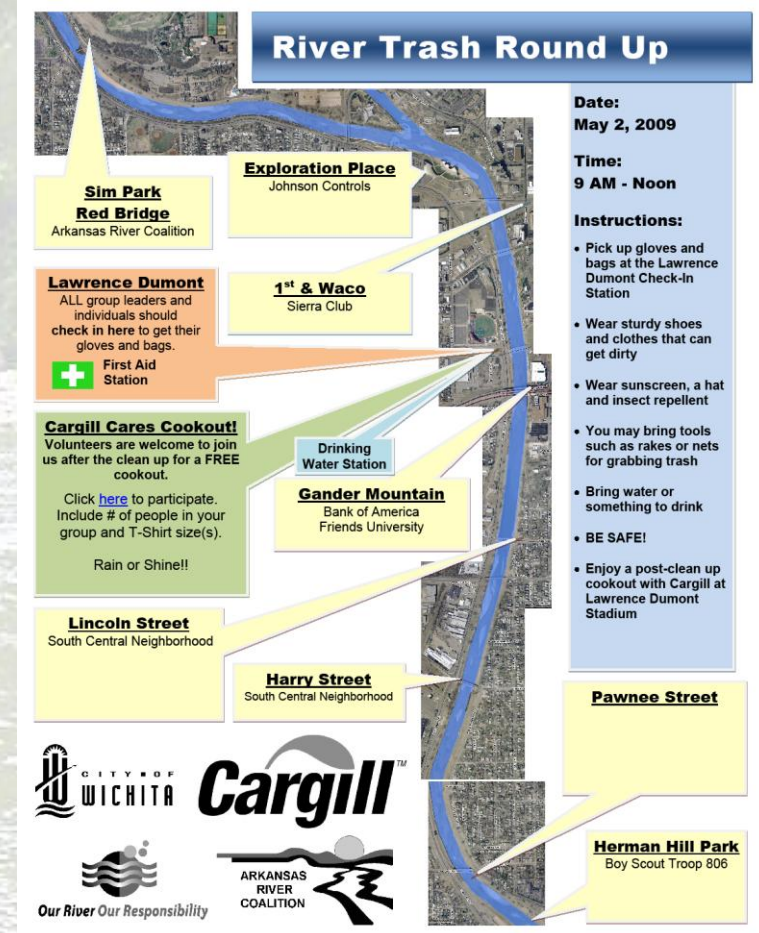
Potential Wraps Actions

- Water Quality Improvement
- Economic Impact
- Flood Control
- Recreation Opportunity
- Information/Education Value
- Creativity/Uniqueness

Proposed Actions
Rain Gardens
Vegetated Buffers
Pervious Pavement
River Access Improvements
Bioswales
Water Taxi
River Clean-ups
Riparian Restoration
Working with HOAs/ NAs
Social Networking
River Beautification

Current /Ongoing Projects

- Ark River Symposium
- Ark River Committees
- Visioneering
- Water Utility Projects
- Wichita Septic System Study
- Parks & Recreation Plan
- Wichita/Sedgwick County Stormwater Advisory Committee
- WIRE



River Trash Round Up

Date: May 2, 2009
Time: 9 AM - Noon
Instructions:

- Pick up gloves and bags at the Lawrence Dumont Check-In Station
- Wear sturdy shoes and clothes that can get dirty
- Wear sunscreen, a hat and insect repellent
- You may bring tools such as rakes or nets for grabbing trash
- Bring water or something to drink
- BE SAFE!
- Enjoy a post-clean up cookout with Cargill at Lawrence Dumont Stadium

Sim Park Red Bridge
Arkansas River Coalition

Exploration Place
Johnson Controls

Lawrence Dumont
ALL group leaders and individuals should check in here to get their gloves and bags.
First Aid Station

1st & Waco
Sierra Club

Cargill Cares Cookout!
Volunteers are welcome to join us after the clean up for a FREE cookout.
Click [here](#) to participate.
Include # of people in your group and T-Shirt size(s).
Rain or Shine!!

Drinking Water Station

Gander Mountain
Bank of America
Friends University

Lincoln Street
South Central Neighborhood

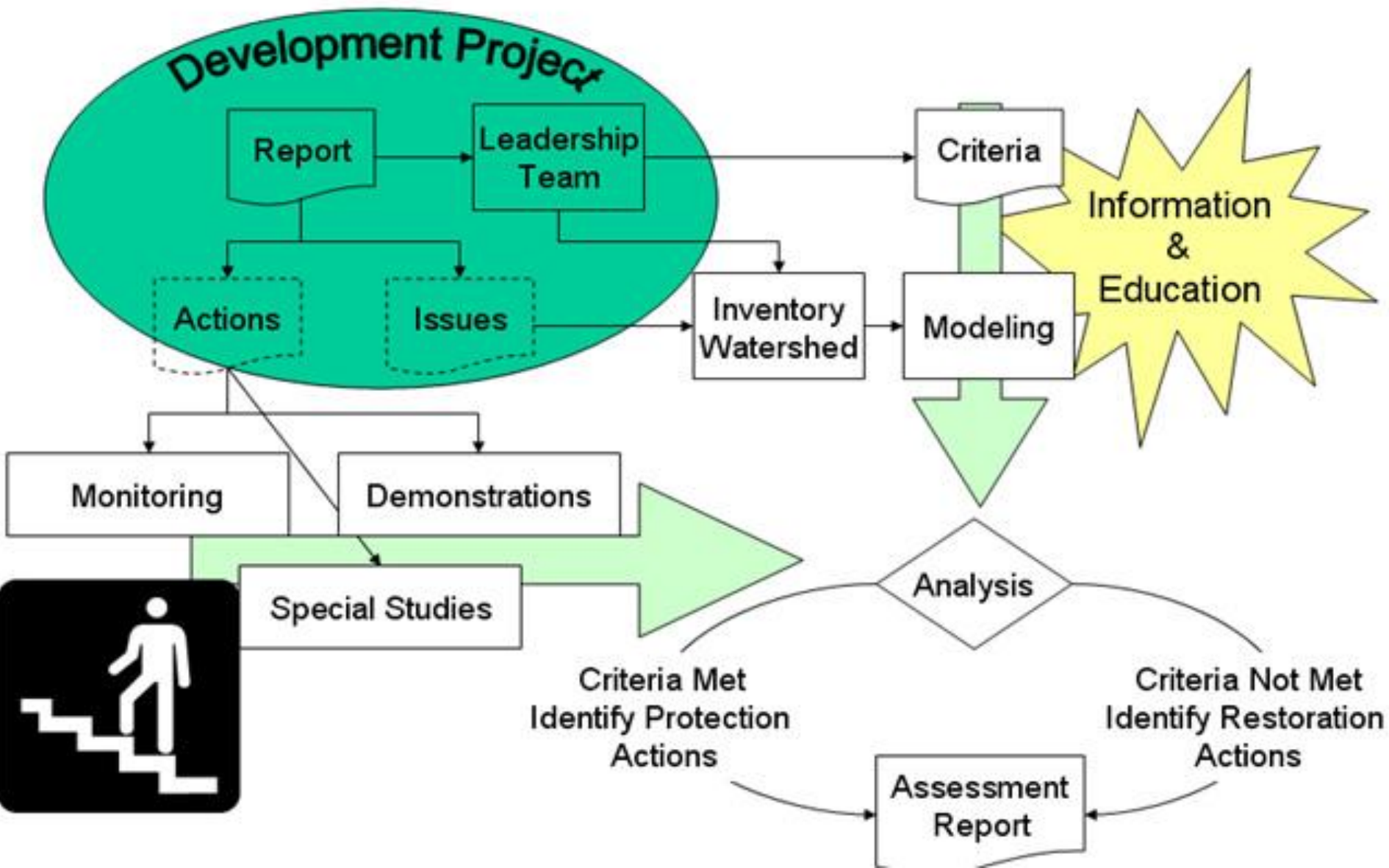
Harry Street
South Central Neighborhood

Pawnee Street

Herman Hill Park
Boy Scout Troop 806

CITY OF WICHITA
Cargill
ARKANSAS RIVER COALITION
Our River Our Responsibility

WRAPS Assessment Steps



Next Steps

- Submit Development Report to KDHE for approval
- Finalize MOU designating City as Sponsoring Agency
- Work on Assessment Phase Program Implementation Plan (PIP)
- Demonstration Projects
- Participate in Upcoming Public Education Programs

Questions ????

Margaret Mead once said, “**N**ever doubt that a group of *thoughtful*, committed citizens can **change the world**. Indeed, it’s the only thing that ever has.”

